

Development fund established

By Ron Frashure

MIT has established an Independent Residence Development Fund which may assist independent living groups in improving and expanding their housing facilities, administration officers announced last Friday.

Fund provisions

The IRD Fund will be an endowment, the income of which may be used by the Corporation for any Institute purpose. The principal of this fund may be invested at MIT's discretion in loans to fraternities and other independent living groups. The requirements governing such loans will be that:

1. The loans must be secured by mortgages.
2. The loan limit can range to 100 percent of the appraised value

of the security after allowance for improvements.

3. The maximum loan term will be 40 years.
4. The minimum rate of interest will be three percent.

5. Gifts to the IRD Fund must provide that the principal will not be expended, and givers must permit use of the income of the fund for any corporate purpose of MIT.

Alumni IFC

The administration also announced the formation of an Alumni Interfraternity Conference and a central committee to assist in the operations of the IRD Fund and the Alumni IFC.

As of last Wednesday, 14 fraternities had announced their representatives on the Alumni IFC.

The names of the representatives of the remaining fraternities were announced last night at a working meeting to implement the IRD Fund.

Marshall B. Dalton '15, Chairman of the Board of the Boston Manufacturers Mutual Insurance Company and a Life Member of the MIT Corporation, will chair both the Alumni IFC and the central committee.

Other members of the central committee are Kenneth S. Brock '48, Director of Special Gifts for the Alumni Fund; James H. Eacker '55, Secretary of the Alumni IFC; Frederick G. Fassett Jr., Dean of Residence; Philip A. Stoddard '40, Vice President for Operations and Personnel; Ken-

(Please turn to Page 3)

Parents arrive at MIT, View lectures and labs

By George Russell

More than 800 parents attended the biannual Parents' Weekend, held April 24, 25, and 26. Dean of Student Affairs Kenneth R. Wadleigh noted that attendance was the largest of any Weekend to date.

Parents came from as far as California to attend lectures and laboratories and to meet informally the professors, roommates, and friends of their sons and daughters at MIT. Parents' Weekend is held at the Institute every other year, alternating with an Open House for the general public.

Many families arrived Friday evening in time to attend theatrical and musical productions. Dramashop students performed Ibsen's "The Wild Duck." The MIT Concert Band held an open rehearsal of a work composed for it.

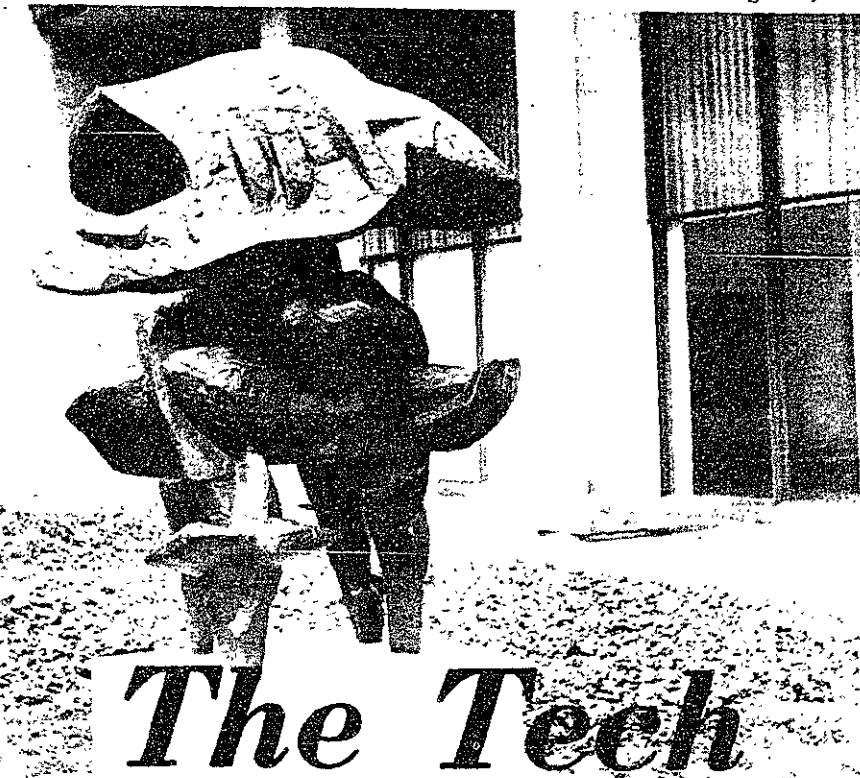
Parents registered Saturday morning and had the opportunity to attend one of three demonstration lectures. Special lecturers were Dr. Hans-Lukas Teuber, Professor of Psychology; Dr. Hans Mueller, Professor of Physics; and Dr. Warren M. Rohsenow, Professor of Mechanical Engineering.

Saturday afternoon, parents attended informal talks with faculty members and toured laboratory facilities. Special demonstrations included space war games on the TXO and PDP-1 computers, an experimental study of the flow of abnormal blood, and experiments in crystal growth. Tours of the Computation Center and National Magnet Laboratory were offered. Parents of Course XII majors toured the new Center for the Earth Sciences.

On Sunday, parents were entertained at open houses given by the resident housemasters and their wives in the various dormitories and by the Dean of Residence and his wife.

Chairman of the Parents' Weekend Committee was Robert Blumberg '64. On the committee were William Cohen '65, Henry Lichtenstein '65, Donald Grimes '65, Arnold Kramer '66, Paul Ruby '66, Jim Taylor '65 and Dave Anderson '66.

Chairman of the faculty advisory committee was Professor Kenneth A. Smith.



The Tech

Vol. 84, No. 11 Cambridge, Mass., Wednesday, Apr. 29, 1964 5c

Engineering residencies

\$300,000 Ford grant

In order to give engineering professors experience in practical industrial decision-making, the Ford Foundation has set aside \$300,000 to finance residencies in engineering practice.

Sixty faculty members will be chosen to spend up to fifteen months on leave from their teaching positions at professional salaries. To ensure genuine learning experience, the professors will work closely with engineers employed at the highest levels of technological decision-making in the cooperating companies.

Carl W. Borgman, director of the Ford Foundations Science and Engineering program, voiced "a growing concern that younger engineering teachers lack awareness of manufacturing, marketing, financing, and other considerations that influence engineering decisions in practice."

Participants will be chosen from the nation's engineering faculty under forty who hold Ph. D. or equivalent degrees. A committee selected from engineering education industry will help the Foundation choose and place the residents.

The Foundation funds will provide stipends to cover the expenses of teachers in moving between

their campuses and company positions. Funds will also be used to defray the administrative costs of the project.

APO Carnival grosses \$1800 Saturday night; PDT, AEPI, Grad Student Council win trophies

3,500 people attended the APO Carnival Saturday evening, according to carnival chairman Stuart Shapiro '66. The carnival grossed \$1800.

There were 26 booths at the carnival, sponsored by various groups. Trophies were awarded for the first and second most successful booths and to the most original booth.

The trophy for the most successful booth went to Phi Delta Theta, and second place to Alpha Epsilon Pi.

Two new honors given at yearly Awards Convocation

By Steve Portnoy

The annual Awards Convocation was held last Saturday in Kresge Auditorium. Featured was the presentation of the Karl Taylor Compton Awards given in recognition of "outstanding contributions in promoting high standards of achievement and good citizenship within the MIT community."

This year the recipients of the awards, all seniors, were: Robert Lee Blumberg, Richard Alan Carpenter, Stephen Burket Miller, Robert Peter Popadic, Robert Hugh Scott and Janet Kay Stober. The awards also gave recognition to the Summer Study Program at MIT for High School Students.

Two awards were presented this year for the first time. The Frederick Gardiner Fassett, Jr., Award was given to Lansing Hat-

field '64 for his "spirit, dedication, and service" to MIT. The second new award came from a proposal by the Activities Development Board. Named in honor of William L. Steward Jr. '26, the award is given to students who have participated actively in school activities.

Recipients of the award are: Robert Zelman Bachrach '64, Howard Morris Brauer '65, John Michael Davis '66, Barbara Ann Desmond '67, Ronald Lee Gilman '64, Lansing Hatfield '64, Richard Lester Krasin '64, and Amiel Shulsinger '64. The following organizations were also honored by these awards: The Baton Society, The Lecture Series Committee, and the MIT Cheerleaders.

The Everett Moore Baker Award for Outstanding Undergraduate Teaching was presented this year to Amar Gopal Bose, Associate Professor of Electrical Engineering.

The Tau Beta Pi Outstanding Freshman Award was given to Stephen Burr Douglass and the Scott Paper Foundation Leadership Award went to William Ralph Brody '65. The Baton Society Awards for outstanding contributions to music were presented to Richard Sherman Bair '65, Glenn Stephen Orenstein '64, John Michael Rainier '64, and Janet Kay Stober '64.

John Teed Moter '64 received the Clifford Award as outstanding athlete of the year, and the Admiral Edward L. Cochrane Award for athletic excellence and sportsmanship was presented to Michael Robert Williams '64. A special award, the Eastern College Athletic Conference Merit Medal, was given to Martin Turner Poe III '64.

The Quadrangle Club Award for outstanding freshman athletes was presented to David Norman Schramm and to Alexander Daniel Wilson. Robert Neal Harvey '64 was chosen Manager of the Year, and the Beaver Key Trophy honoring a living group's high degree of athletic participation went to Delta Tau Delta for the third straight year.

Major awards in athletic administration went to: James Elbert Allen Jr. '64, William Ralph Brady '65, Joseph Lee Kirk '64, Henry John Modetz Jr. '64, and Kim Clyde Maxwell Sloat '64.

The following received Minor Awards in Athletic Administration: Steven Warren Brostoff '64, David George Brown '64, Ronald Ira Mandle '65, Henry John Rack '64, and Donald Herman Siefkes '65.

Exam schedule out

All students should obtain an examination schedule now at the Information Office, Room 7-111.

Exams not listed or a conflict in exams, such as two exams the same morning, must be reported to the Registrar's Office by Friday, May 8.

Audio tape missing; IST offers reward

Three editors of International Science and Technology Magazine have asked the aid of MIT security officers in their search for a lost audio tape.

The tape was made last Thursday at the Smith House on Memorial Drive and is the record of a dinner discussion with five British scientists on the "brain drain" from England.

The tape was left with microphones and other equipment in a box marked "Xerox Copy Paper." It was to be used for an article, which cannot be written without it. The editors offer a reward for its return.

Information should be sent to Daniel Cooper, Executive Editor, International Science and Technology, 205 East 42nd Street, New York 17, New York, or call him collect at 212-MU9-3250.

Fun Fair to be held this Saturday by International Student Assoc.

The International Student Association in Cambridge will hold its annual Fun Fair at 33 Garden Street, Cambridge, Saturday, May 2. The public is invited.

The Fun Fair features booths constructed by students from 30 countries. Exotic foods and gifts from far away lands will be sold all day, noon to midnight.

In addition, Fun Fair's international show will run four times in the Continental Hotel, at 2 pm, 4 pm, 8 pm and 10 pm. The show

features two hours of student entertainment including unique music and dances.

Last year, over 6000 people attended.

The International Student Association is a non-profit organization for the benefit of all students in the Greater Boston area.

Fun Fair is touted by the ISA as the "foremost international student event of the year" in the area. Dr. Hamdy Bechir of MIT is chairman of the fair this year.



(Photo by Stephen Teicher)

These Voodoo staff members are grinning through gobs of shaving cream thrown at them by winners of their dart throwing contest at the APO Carnival.

Public relations and MIT

What's news? MIT, that's what! MIT has, since the Centennial Celebration, been the subject of cover stories in Newsweek, Holiday, and Business Week—among others. The New Yorker is now concluding a three-part series on what it terms the "center of a new world"—the technological world around MIT. Realities is planning a major story on MIT, and the United States Information Agency is now shooting a film here for worldwide distribution.

Kudos for getting MIT's name before the public eye goes largely to Mr. Jeff Wylie, a former Time magazine staffer (head of the Boston bureau) and now Director of Public Relations for the Institute. One indication of the success of the public relations staff: Mr. Wylie's desk is now several feet deep in recently published material which features MIT.

Mr. Wylie and his staff often work into the night while assisting representatives of the news media and explaining what MIT is really like to the public. This effort is commendable, since there is a popular mythology about MIT that will take time to erase. However, the task of representing the Institute to the outside world should not always be passed to Mr.

Wylie and the Public Relations Office. There is much that students groups can do to help.

For example, the MIT Athletic Association could contact Sports Illustrated to fill them in on MIT's very excellent sports program—and perhaps stimulate a story on a little-known facet of the Institute. Jerry Luebbers, the former Undergraduate Association President, suggested such a direct contact over a year ago, but says that no student group has attempted to follow up the idea. Direct contacts can work—Life's cameras came to Field Day and snapped numerous photographs, although the coverage was never published.

The most logical student group to help represent MIT to the public is the Public Relations Committee, a part of Institute Committee. In the past, PRC has attempted to publicize Incomm more than MIT, but there is no reason why it can't expand its horizons.

Making oneself understood is crucial in a complex and competitive world. The members of the new PRC, under Chairman Doug Spreng '65, have a wide-open opportunity to help bring about this understanding. They ought to use it.

Social Action Committee

The provisional membership recently granted by the Activities Council to the Social Action Committee is the first formal student recognition of a social service and community action movement that has long been active at MIT.

Last week the Institute Committee, after weighing many possible courses of action, decided to designate SAC as the sole administrator and coordinator of social work done by MIT students. The indications are that a planning board of representatives from the activities concerned with social service—Technology Community Association, Alpha Phi Omega, Demolay, Civil Rights Committee, and others—will be formed this fall to aid in coordination.

The Administration has shown its

support of SAC by providing the part-time services of Richard L. McDowell '60, who will give continuous and competent advice from the Dean's Office.

There have been hints of financial support by the Institute—which should come, we feel in sizable amounts only after the group has demonstrated its ability through specific accomplishments.

Within the MIT community, SAC can serve a vital function by making students aware of the vicious circle of ignorance, crime, and poverty which exists both close at hand and throughout "the other America." The isolated, sheltered life of the academic community at MIT tends to blind students to the serious problems which exist literally at our doorsteps.

Outside MIT, SAC can make a significant contribution by extensive programs of settlement house, juvenile counseling, and mental hospital work. Such programs are not unprecedented. Phillips Brooks House, an endowed and well-established social service organization at Harvard, has become the largest student activity on campus.

There is a selfish as well as an altruistic reason for social service—it helps improve the local environment. Earlier in this century, a large clearance and rebuilding project at Harvard greatly benefited the surroundings of the faculty and students. The University of Chicago and Columbia University, alert to the growing slums around their campuses, are sponsoring community improvement programs.

The Institute, while concerned with local problems, has historically been clumsy and monolithic in its community relations in Cambridge. Portents of change such as the Social Action Committee are a welcome addition to the campus.

Honor and awards

Last week the editorial entitled "Research and the Institute" stated that Prof. Kenneth R. Wadleigh '43, Dean of Student Affairs, received the first Goodwin Medal for outstanding teaching on the part of graduate students. Both Dean Wadleigh and Prof. Holt Ashley '48 received separate awards in June 1952. Thus Prof. Ashley shares the honor with Dean Wadleigh of receiving the award during the first year of its presentation.

A single award of the Goodwin Medal—which consists of a bronze medal, a citation, and a cash award of \$500—has been made in every year since 1952, with the exceptions of 1953 and 1956.

As we noted last week, such awards as the Goodwin Medal do much to stimulate excellent teaching—for which the incentives are often small when compared with the rewards for excellent research. More teaching awards like the Goodwin Medal should be established.

Footnotes

By Bill Judnick

Last week's headline story ("Bishop new dean of Humanities") confirms one-half of Footnote 4. We're still awaiting the announcement of who is replacing Dean Belluschi, the other half.

Another early prediction, Footnote 5, is verified by the announcement last week that Professor Samuelson's 14.01 text is now in its sixth edition.

Let's see how these work out:

The Crystal Ball

46. Simulatics Corporation will probably follow-up their successful simulation and prediction of the results of the 1960 election with another head-line making effort in this election year.

(Several MIT professors and personnel, including Prof. Ithiel de Sola Pool, are affiliated with this corporation. For background you could consult: the last issue of Business Week; New Yorker's recent three-part series on Harvard and MIT; and the New York Times of three Sundays ago.)

47. Thomas J. Watson, top man at IBM, and James R. Kilian Jr., Chairman of the MIT Corporation, may rejoin each other's respective boards now that the patent litigation over Professor Forrester's invention is settled. This would be a mutually beneficial exchange of talent.

48. Speaking of IBM, those of you familiar with computers have undoubtedly heard of their "billion-dollar gamble," the 360/System. A question occurs: Will MIT get this latest model? I would say, not until

at least a year from now for reasons discussed in the next section.

49. Elections for Technology Student Enterprises are coming up soon. I'll guess the top men will be: Leon Liebman, president; and Alain Barbier, vice president. (Both have had extensive charter flight experience.)

360/System

The chief difficulty with IBM's newest mechanical monster mentioned above, is a relative lack of "software." The library of pre-written programs that accompany the system, in other words, is extensive but nowhere near the volume programmed may draw up using Fortran or the 70-series.

The present SHARE library is one of the major, selling points for their 70-series that have influenced institutions and corporations to buy IBM rather than CDC (Control Data Corporation).

Pay more?

I note in the April 25th issue of the Harvard Crimson the following headline: "Students Who Have Aid May Pay More in '64-5." The recent reduction in Federal income taxes may result in the assumption on the part of their financial aid office that parents can now pay \$50 to \$100 more.

As I indicated in Footnote 1 and 10, such a decision affecting amounts of loans granted is still in the fire here; and a decision about NDEA loans stalled off every day the senators continue to filibuster Congress.

Inside Incomm

Incomm will try to bring election candidates to campus

By Bill Samuels, UAP

How can any level-headed person be for Goldwater? After all it has been the principles of the Democratic Party that have guided this country in its great growth this century.

Disagree? Probably a few do, but this is the whole point. Next year is an election year and I see no reason why we should not encourage the discussion of political issues and controversies on campus. For this reason, Incomm is going to make a major effort to bring candidates and other political spokesmen to MIT.

Tom Jones is in charge of this

program. He has already gotten Dr. Stratton's backing. Dr. Stratton will write a letter accompanying the student government request, praising the general concept.

Interested in working on this? Call Tom soon—he'll put you to work. There is no assurance that this program will produce any results. Hopefully, we'll get a major national figure, but if we do no harm has been done. Letters of invitation will go out within the next two weeks.

(Please turn to Page 6)



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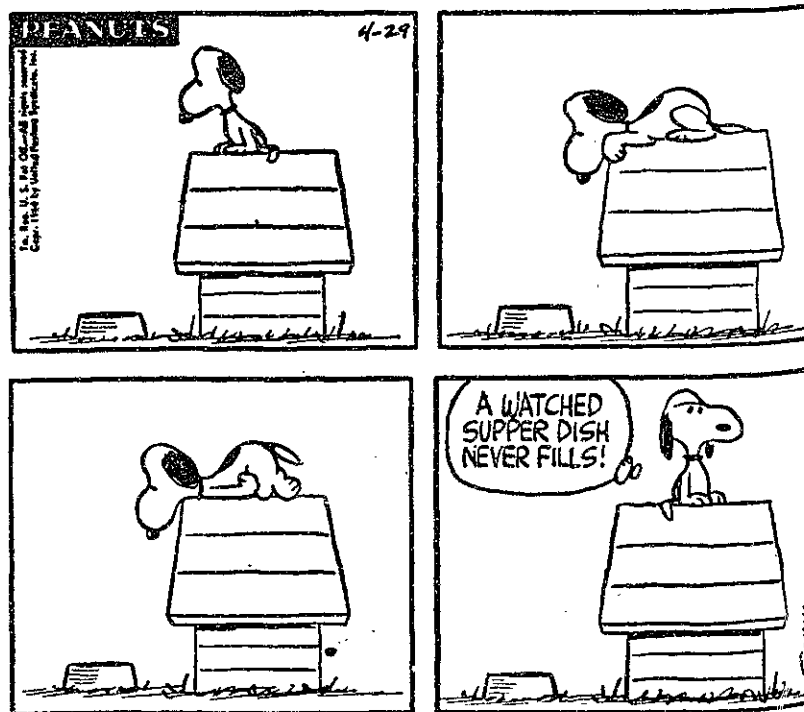
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Peanuts appears daily and Sunday in the Boston Herald

Textile Engineering conference Oct. 20

The American Society of Mechanical Engineers has announced that its Textile Engineering Conference will be held at MIT, October 20-21.

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Flashing lights, eye study, sonar are Edgerton's new research areas

The flashing lights on the Prudential and Hancock buildings, together with their counterparts on MIT buildings, are evidence of the variety of research topics carried on by Prof. Harold E. Edgerton.

The flashing lights, which are strobe bulbs, are intended as beacons. They are being used to study the effect of beam intensity and flash duration on beacon life. Possible applications for the bulbs range from warning lights on radio towers to ocean buoys. Prof. Edgerton indicated that work yet remains to be done to insure reliability of the lights.

Another field into which stroboscopic techniques have led him is the study of the human eye. Recently Prof. Edgerton worked with Dr. Searle Rees '50 of the

Diabetic Clinic in Boston, adapting present lighting methods to this special subject.

The eye, by virtue of the many small arteries, veins and capillaries which crisscross it, offers a unique opportunity for a physician to study a patient's circulation visually. It is difficult to photograph, however, especially when the patient is subjected to repeated flashes of light.

Prof. Edgerton revealed that finally backlighting proved to be the answer. Good results were consistently obtained when the patient looked far to one side, with the light coming in from his other side. Work is now underway on motion pictures of the eye.

In applying the principle of stroboscopic lighting to sonar devices, Prof. Edgerton entered yet another area of study. He was responsible for developing a means of electronic sounding which would record the depth of the ocean floor's surface layers.

These strike the floor, where a large fraction of them penetrate mud, silt, and other soft layers, to be reflected by harder layers below. The time delay of the incoming signals yields layer depth.

Trophy Awarded

IFC holds first rally



John Groves '65 and Roland Cannon '65, winners of the first Annual IFC Rally, held last weekend, are presented with a trophy. Forty cars and 200 couples participated in the event. The rally began at the Boston

College parking lot and ended with the IFC picnic at Duxbury Beach. The rally received national publicity by the Associated Press.

Presenting the award is Dave Cohen '65.

Carpenter Committee developed original concept recommending that MIT acquire land for frats

(Continued from Page 1)

neth R. Wadleigh '43, Dean of Student Affairs; Frederic W. Watriss '41, Assistant Treasurer; and D. Reid Weedon Jr. '41,

Chairman of the Alumni Fund Board.

History of fund

The history of the IRD Fund begins in June, 1947, when the Corporation Committee on Student Activity (Carpenter Committee) recommended that MIT acquire land on the west campus for fraternities.

In March, 1962, President Julius A. Stratton issued a progress report on the fraternities. Dr. Stratton noted that moving the fraternities to the campus "would seriously diminish if it did not extinguish the values which we and the fraternities wish to preserve." He suggested wider financial assistance to the fraternities as an alternative to setting up a fraternity row in Cambridge.

Last week, more than two years after President Stratton's progress report, the details of the IRD Fund and the Alumni IFC were released. A major funding effort will start soon, according to Dean Fassett.

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LSC to show film on campus love

Samuel Goldwyn, Jr., son of the MGM magnate, will appear in Room 26-100 next Tuesday, May 5, at 7:30 pm. Mr. Goldwyn will deliver a short lecture, 'The Film Process,' and a preview showing of his motion picture, 'The Young Lovers.' The three-hour program, presented by the Lecture Series Committee, will include an open question and answer period; admission is free. The movie, starring Peter Fontana and Susan Hugueny, attempts to deal with love and loneliness on a large, impersonal, modern college campus. Mr. Goldwyn has been showing his film at various universities to determine audience reaction to the film.

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drama at mit...

Ibsen play by Dramashop entertains

By Mona Dickson

MIT's Dramashop gave its presentation of Ibsen's 'The Wild Duck,' last week. The performance was extremely entertaining. The acting was better than competent. None of the players were outstanding, but this fact improved the general texture of

the performance. There was a minimum of extremes of acting ability, which gave the play a definite smoothness.

There were so many minor characters in the dinner scenes of the first act that the major characters had some trouble dominating. The attempt to give the feeling of "dinner and salon in the next room" did not quite come off. Actors roaming noisily across the stage during information speeches made the background explanations a bit hard to follow. But after this slow start, the actors fell into their roles with vigor.

'The Wild Duck' concerns the Ekdal family. Hjalmar Ekdal's old friend, Gregers Werle, comes back from a long stay in the Norwegian north woods. Gregers believes that "true marriage can be built only on complete honesty" and proceeds to help Hjalmar discover the lies his marriage is based on. Because of Gregers, Hjalmar believes that his daughter, Hedvig, is not his own. To further complicate matters, Gregers tells fourteen-year-old Hedvig that if she sacrifices her beloved pet, the wild duck, her father will love her again.

MIT Dramashop presents 'THE WILD DUCK' By Henrik Ibsen; staged by Joseph Everingham; sets by Richard Reese '66; lighting by Alan Hirsch '66; costumes by John Leide '65; with Leonard Lynch, as Werle, Michael Jacobs as Gregers Werle, John Sowle '66 as Old Ekdal, David Liroff as Hjalmar Ekdal, Joan Toenino as Gine Ekdal, Eileen Schwade as Hedvig, Joseph Morlan '65 as Molvik, Ray Dittman '64 as Graaberg, John Rylaarsdam '67 as Pettersen, Leonard Cohen '64 as Jensen, Warren Littlefield '64 as a Fat Gentleman, Adrian Gil as a Thin Gentleman, Michael Merritt '66 as a Clerical Gentleman, Kenneth Moore '66 as the Headwaiter.

Two ideas on the state of the world are presented. Gregers takes platonism and applies it literally to the material world. Dr. Relling insists on the existential view that all life is a lie. He finds the lie people base their

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Making the

THIS WEEK

MUSIC

Komites Choral Society — 'An Evening in Armenian Folk Culture,' at the BU George Sherman University Union, 775 Commonwealth Ave., May 3, 6:30 p.m.

BU Symphonic Band — at the Sherman Union, April 30, 12:30 p.m., admission free.

Music of Brahms — New England Conservatory, April 29, 8:30 p.m., Jordan Hall; program includes the clarinet trio, Sonata in D minor for violin and piano, and songs. Admission free.

Diploma Recital — Douglas Risner, organist, May 1, 8:30 p.m., King's Chapel, admission free; program includes music of Bach, Brahms, Hindemith.

Gardner Museum — May 2, 3:00 p.m., music for clarinet and bassoon; May 3, 3:00 p.m., New England Conservatory Tour Chorus; both free.

THEATRE

'The Bride Napping' presented by the Chinese Students' Club; in Chinese with subtitles; Kresge Auditorium.

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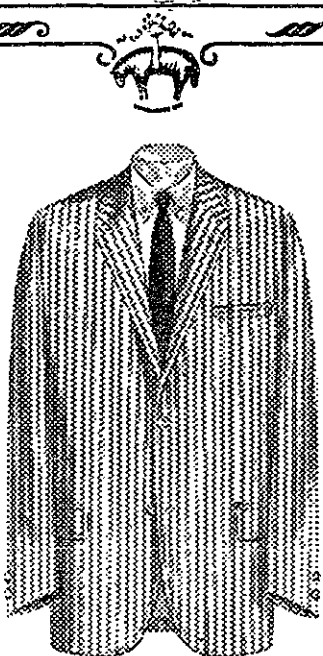
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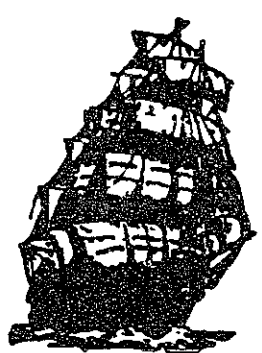
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movie schedule

Wednesday, April 29, through Tuesday, May 5 (Unless otherwise stated, the Sunday schedule is the same as the weekly schedule except that no movies are shown before 1:00 p.m.)

ASTOR — "Dr. Strangelove." Mon-Sat. 9:55, 11:55, 1:55, 3:55, 5:55, 7:55, 9:55; Sun., 1:25, 3:25, 5:25, 7:25, 9:25; shorts start 25 minutes before the feature.

BEACON HILL — "Tom Jones." 10:15, 12:30, 2:45, 5:00, 7:15, 9:30; Sun., 1:00, 3:10, 5:20, 7:30, 9:40.

BOSTON CINERAMA — "It's a Mad, Mad, Mad, Mad World." evenings.

BRATTLE — Emmanuele Riva in Mauriac's "Therese" through Sat. Starting Sun.: Revival of Rene Clair's "The Italian Straw Hat" plus Jean Renoir's "A Day in the Country." Shows daily 5:30, 7:30, 9:30, matinees Sat. and Sun. 3:30.

CAPRI — "Paris When It Sizzles." 10:30, 12:15, 6:05, 9:55; "The Servant." 12:20, 4:10, 8:00.

CINEMA KENMORE SQUARE — "Wuthering Heights." 2:30, 4:20, 6:10, 8:00, 9:50 p.m.

EXETER — "Murder, He Said." 2:05, 5:05, 8:05; "The Happiest Days of Your Life." 3:40, 6:40, 9:40.

ESQUIRE — "The Victors." no times available.

GARY — "The Pink Panther." 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00; Sun., 1:00, 3:00, 5:00, 7:00, 9:00.

HARVARD SQUARE — "Beat the Devil" plus short subjects, complete shows 1:30, 3:30, 5:30, 7:30, 9:40.

KEITH MEMORIAL — "Captain Newman, M.D." Mon.-Sat. 9:45, 1:35, 5:30, 9:20; Sun. 2:30, 6:05, 9:40.

LOEW'S ORPHEUM — "Lilies of the Field." no times available.

MAYFLOWER — "Flight from Ashiya." no times available.

MUSIC HALL — "A Tiger Walks" weekdays and Sat. 9:30, 11:30 a.m.; 1:30, 3:35, 5:40, 7:40, 9:40 p.m.; Sun. 1:30, 3:35, 5:40, 7:40, 9:40 p.m.

PARAMOUNT — "The Seven Faces of Dr. Lao" weekdays and Sat. 11:20 a.m., 2:45, 6:10, 9:40 p.m. Sun. 2:25, 5:50, 9:20 p.m. "Girls at Sea" weekdays and Sat. 9:50 a.m., 1:15, 4:45, 8:10 p.m. Sun. 1:00, 4:25, 7:50 p.m.

PARK SQUARE CINEMA — "The Connection." 1:35, 3:30, 5:25, 7:15, 9:10; short, "A la Mode," starts 10 min. before feature.

SAXON — "The Cardinal." evenings 8:30, matinees Mon.-Fri., 2:00, Sat.-Sun., 2:00, 5:00.

Theatres

CHARLES PLAYHOUSE — "The Glass Menagerie." by Tennessee Williams; performances Wed. at 8:00, Thurs. and Fri. at 8:30, Sat. at 5:30 and 9:00, Sun. at 3:00 and 7:30.

COLONIAL — "Fade Out, Fade In." starring Carol Burnett. eves. at 8:30 (except Sun.) mats. Thurs. at 2:15, Sat. at 2:30.

HOTEL BOSTONIAN PLAYHOUSE — two Pinter plays, "The Room" and "The Dumbwaiter." evenings, Thurs., Fri., Sun. at 8:30, Wed. 8:00, Sat. 6:00 and 9:30; mat. Thurs., 3:00 p.m.

IMAGE — Two one-acts by W. F. McCourt, "We Might As Well Be Here As Where We Are," and "Six Million and One and Two and..." playing Wed.-Fri. and Sun. at 8:30, Sat. at 7 and 9:30.

SHUBERT — Royal Shakespeare Company, "King Lear." Thurs. and Fri. at 8:00; "Comedy of Errors." Wed. and Sat., 2:30 and 8:30.

WILBUR — "Roar Like a Dove," starring Betsy Palmer, Charlie Ruggles, and Jessie Royce Landis, opening Fri. at 8:00, Sun. at 7:30, other eves. except Mon. 8:30, mat. Sat. at 2:30.

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UPTOWN — "The Victors." weekdays 12:30, 4:45, 9:05; Sun. 1:00, 5:10, 9:25; "To Bed or Not to Bed." weekdays, 10:45, 3:00, 7:15, Sun. 3:20, 7:35.

WEST END CINEMA — "The War of the Buttons." 11:15, 1:15, 3:15, 5:15, 7:15, 9:15.

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LECTURE SERIES COMMITTEE CALENDAR

Contemporary Series	Entertainment Series	Lecture Series
'Vertigo' Friday, May 1 6:30 & 9:00 26-100 60c	'Sergeants 3' Saturday, May 2 5:15, 7:30 & 9:45 26-100 35c	Samuel Goldwyn, Jr. of MGM lectures on and presents his latest production 'Young Lovers' followed by question and answer period Tuesday, May 5 Free 26-100 8:00
	'The Informer' Sunday, May 3, 8:00 Admission without card 50c	

Boston Council airs problems with entertainers and contracts

(Continued from Page 2)

SPRING WEEKEND — This weekend was as successful as any this school has seen in recent years, both from the viewpoint of fun and money. I am glad that those who did nothing for the weekend but predict that it would flop were wrong. Congratulations go to Gilman and crew for a fine event that contained many innovations. The train ride was great! There is no reason any more to ask if we can have a successful spring event. You can bet that next spring will see another great weekend—and no deficit will be planned either.

BOSTON COUNCIL—Some definite proposals concerning the problems schools have had with entertainers were made at the last meeting of the Boston Council held at Wellesley. Each school will be asked to send to MIT the price paid for an entertainer, the agent, special contract clauses, etc. We will duplicate this and

mail it to all schools. Hopefully, this will give each school a valuable reference record which will help them judge prices that agents suggest.

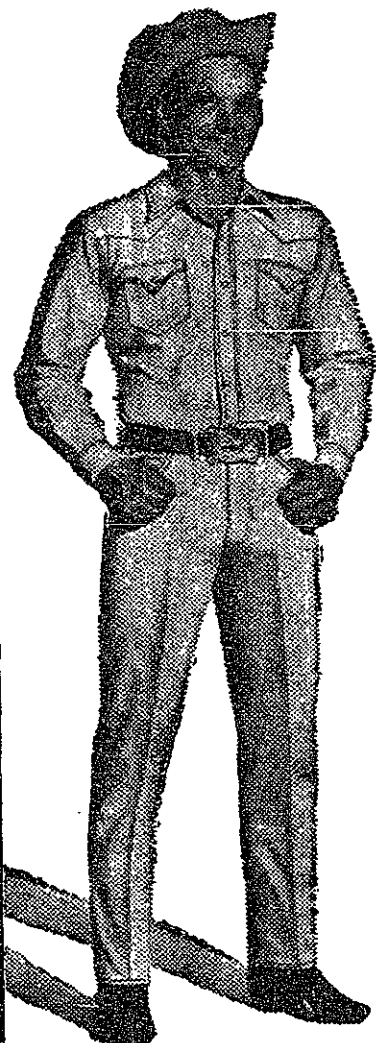
Art Bushkin also suggested to the group the possibility of planning to coordinate events. MIT might use a group in the afternoon and BC use them at night, for example.

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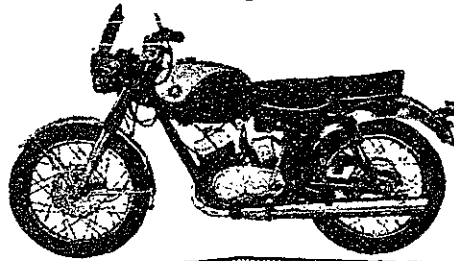
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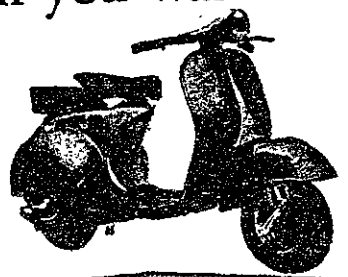
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On Deck

Today, Wednesday, April 29
 Baseball (V)—Northeastern, Away, 2:00 pm
 Baseball (F)—Phillips Andover, Away, 2:30 pm
 Lacrosse (F)—New Hampshire, Home, 3:00 pm
 Tennis (V)—Amherst, Away, 3:00 pm
 Tennis (F)—Milton Academy, Home, 3:00 pm
Thursday, April 30
 Golf (F)—Harvard, Home, 1:00 pm
 Lacrosse (V)—W.P.I., Home, 3:00 pm
Friday, May 1
 Golf (V)—Lowell Tech, New Hampshire, Away, 1:30 pm

Tennis (V)—Dartmouth, Home, 3:00 pm
Saturday, May 2
 Baseball (V)—Bates, Away, 2:00 pm
 Baseball (F)—Emerson College, Home, 2:00 pm
 Heavyweight Crew (V)—Compton Cup, Princeton, Harvard, Home
 Lightweight Crew (V)—Geiger Cup, Columbia, Cornell, Away
 Lacrosse (V)—Bowdoin, Home, 2:00 pm
 Lacrosse (F)—Bowdoin, Home, 2:00 pm
 Tennis (V)—Williams, Away, 2:00 pm
 Tennis (F)—Phillips Exeter, Home, 2:00 pm

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How They Did!

Baseball
 Tufts 8—MIT (V) 2
 Harvard 20—MIT (V) 1
 Middlebury 7—MIT (V) 2
 Tufts 13—MIT (F) 4
 Harvard 13—MIT (F) 2
Heavyweight Crew
 Yale 8:57.6—MIT (V) 9:09.0
 Yale 9:03.5—MIT (JV) 9:05.8
 MIT (3rd V) 9:20—Yale 9:31
 Yale 9:13—MIT (1st F) 9:20
 Yale 9:20—MIT (2nd F) 9:29
Lightweight Crew
 MIT (V) 6:39.0—Harvard 6:39.5
 Dartmouth 6:47.0
 MIT (JV) 6:52.0—Harvard 6:57
 Dartmouth 6:58
 MIT 3rd V—6:58.4—Harvard 7:01.4
 Dartmouth 7:03.5—Harvard 7:08.5
 MIT (1st F) 7:08.5
 MIT (2nd F) 7:07.5—Harvard 7:07.7—Dartmouth 7:10.5

Golf
 Harvard 4—MIT (V) 3
 Wesleyan 6—MIT (V) 1
 Tufts 6—MIT (V) 1
 MIT (F) 13 1/2—Governor Dummer 13 1/2
 Taber (F) 26 1/2—MIT (F) 3 1/2
Lacrosse
 UMass 6—MIT (V) 3
 Amherst 5—MIT (V) 3
 Andover 19—MIT (F) 2
 Winchendon 3—MIT (F) 2
Sailing
 MIT (V)—1st in NEISA Dinghy Eliminations
 MIT (F)—1st in Tufts Yacht Club Freshman Minor
Tennis
 MIT (V) 6—Bowdoin 3
 MIT (V) 9—Colby 0
 Wesleyan 7—MIT (V) 2
 MIT (F) 9—Dean Junior C. 0
 Wesleyan 7—MIT (F) 2
Track
 MIT (V) 94—Williams 50
 MIT (F) 88—Tufts 55
 MIT (F) 79—Williams 46

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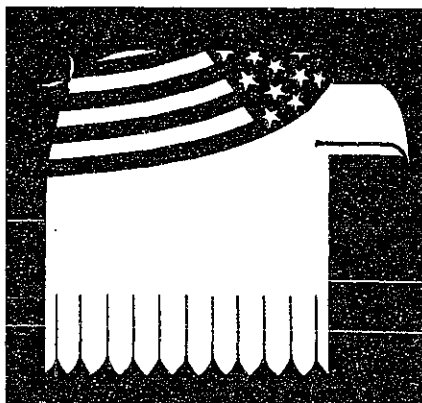
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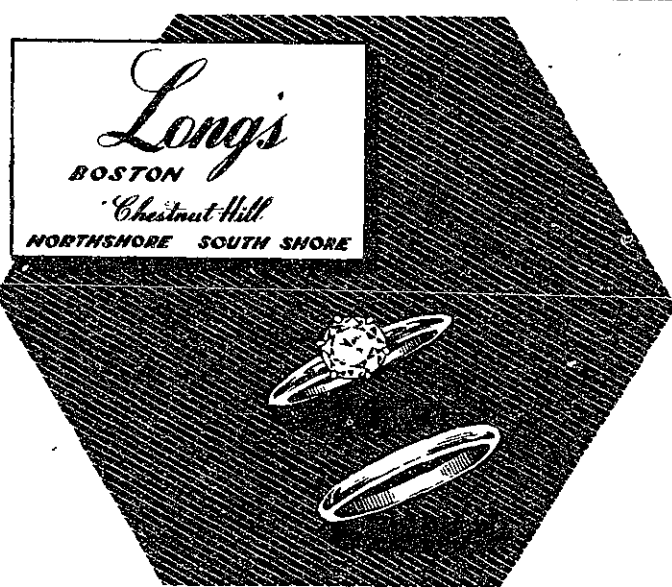
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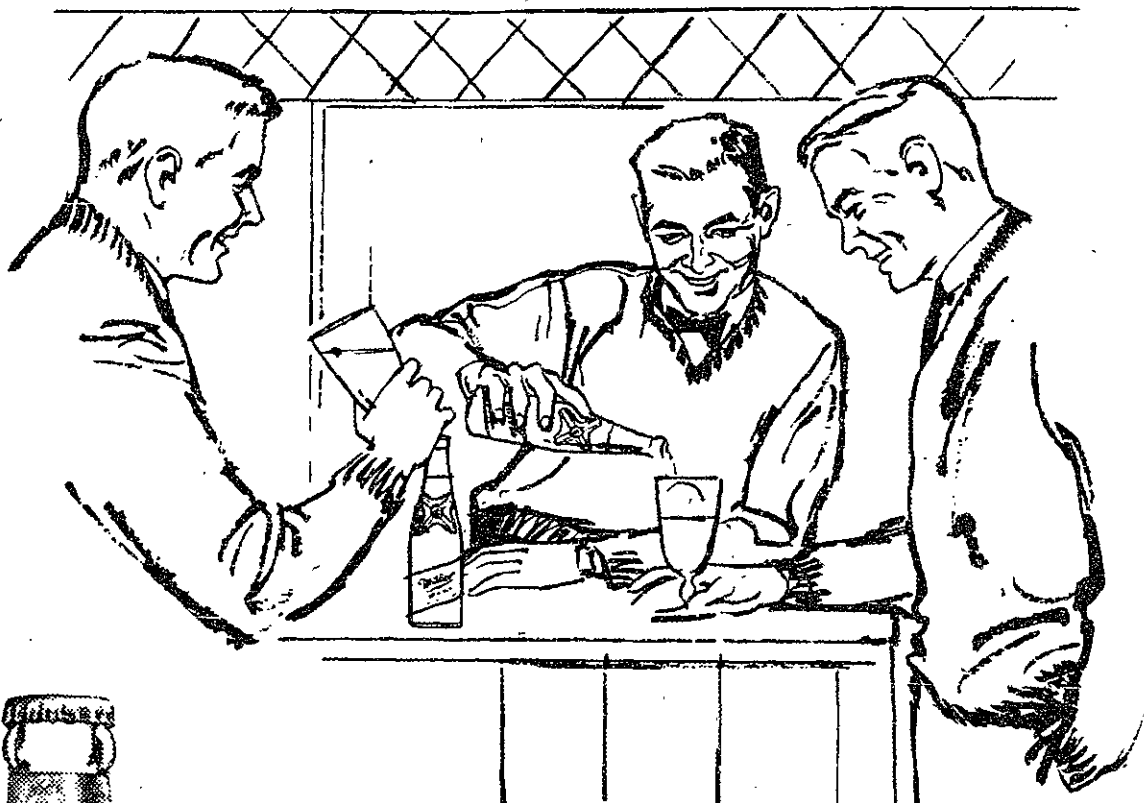
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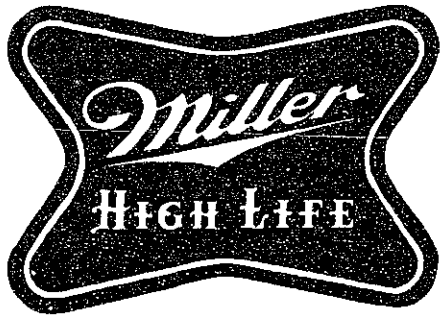


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Sailing team 1st in NEISA Eliminations

By Ken Browning

MIT's varsity sailing team continued its winning ways last weekend, placing first in its heat of the Northeastern Intercollegiate Sailing Association (NEISA) Dinghy Championship Eliminations, and qualifying two men for the NEISA Monotype Finals.

Sweep dinghy eliminations

In the dinghy eliminations, held at the Coast Guard Academy in New London on Saturday, Don Schwanz '66 was high-point skipper for the meet, winning all seven of his races against the six other competing teams. Team captain Terry Cronburg '66 skippered the first five races in the other division, but due to a slight illness turned the helm over to Dave Schlossberg '64 for the last two races. The combined score of the two Tech skippers was enough to win the division and make the regatta a clean sweep for MIT.

Baseball team drops 3; Season mark now 1-9

by John Schwartz

MIT had another tough time on the diamond this past week, losing to Tufts 8-2, Harvard 20-1, and Middlebury 7-2. Tech has now dropped nine straight since winning the season's opener against Salisbury State.

The loss at Tufts was not entirely undeserved; sloppy Tech fielding in the third inning gave Tufts a 2-0 lead without the benefit of a base hit.

The Harvard game looked bad from the very first pitch when a walk, a single, and two straight errors at shortstop allowed the Crimson to grab four quick unearned runs in the first inning of Tech hard-luck pitcher Larry Calof '66.

Mazola took the mound Saturday at Middlebury, and suffered the defeat, giving up seven runs in the first three frames. The MIT attack, which outhit Middlebury eight to six, could garner just two runs.

		R	H	E
MIT	010 000 010	2	7	3
Tufts	002 008 00x	8	9	1
Harvard	410 600 621	20	17	1
MIT	000 100 000	1	4	5
MIT	010 000 001	2	8	7
Middlebury	124 009 000	7	6	4

Tech finished with 103 points, 17 ahead of second-place WPI. The other team to qualify for the dinghy finals to be held May 9-10 was B.U., finishing third with 74 points.

Two qualify in monotype

Sunday saw four team members compete in the NEISA single-handed eliminations, two qualifying for the finals on May 16-17. Joe Smullin '66 was second in his heat at Tufts, two points behind Tim Prince of Harvard. Ed Shaw '65 was the other Tech skipper to

qualify, tying for first with a WPI skipper in the heat at MIT. Missing qualification by one point was Terry Cronburg who finished fourth at URI by one point, and Jack Hall '65, fourth at Tufts.

The Tech sailing team is in the midst of what could turn out to be their best season in a couple of years, having won four trophies in four meets before last weekend. Their next action will be in the NEISA Dinghy Finals which will be held at the Harvard Yacht Club.

Lights take Biglin Bowl



Photo by John Torode

The MIT lights move up to take Harvard in the last 10 strokes with Dartmouth far behind in last Saturday's race. In the varsity shell are (l. to r.): Cox Julian Adams '64, stroke Mark Barron '64, Herb Hermann '64, Pete Staecker, Allen White '66, Dave Evans '64, Tom Perardi '64, John Proctor '65, and Denny Smith '64.

By Pete Staecker

MIT's Varsity lightweights narrowly edged past Harvard last Saturday to win the Biglin Bowl by a scant decklength. One-half second separated the two crews at the finish, with the winning time only 4 seconds off the course record.

From the start to the closing strokes of the sprint, the race was all Harvard; the Crimson jumped off to a 4 seat lead on MIT and Dartmouth, and Tech had to settle for third place. At the Harvard Bridge, the Engineers made a move to pull even, and started to close the gap, but Harvard met the challenge, and once again the Crimson coxie was "riding" on the Tech five man, Allen White, '66. The beat climbed and the Engineers very slowly started to move again.

With less than 40 strokes left,

Harvard still held a 3 seat advantage. Tech began to sprint. With 10 strokes left in the race the two boats were dead even—and 10 strokes later the varsity had posted the slimmest margin of victory since their three way tie for first place in the 1962 EARC Sprint Championships. It was an amazing job of calling and stroking the race by coxswain Julian Adams '64 and Captain Mark Barron '64.

JV's by 5 seconds

The Tech JV's had things pretty much their own way once they passed Harvard Bridge, with Dartmouth and Harvard battling for 2nd spot honors the rest of the way down the course. A valiant sprint effort by the Crimson finally gave them a one second edge over the Green at the line. Tech's third varsity eased by the Crimson by 3 seconds in 6:58.4.

Tennis squad beats Bowdoin, Colby; Falls to Wesleyan for 7-5 record

The varsity tennis team defeated Bowdoin and Colby and lost to Wesleyan to bring their record to 7-5.

In the match at MIT on Thursday, Tech defeated Bowdoin in a

close match to win 6-3. Jack Moter '64 at number 1 position won easily by 6-1, 6-3, while Marty Ormond '64 at number 3 had to fight hard to win 6-4, 4-6, 8-6.

The other players who won for Tech were Bill Petrick '65 and Bob Blumberg '64. At the end of the singles, Tech was ahead 4-2. Blumberg and Petrick in doubles won their game to clinch the match.

In the match on Friday, Tech shut out Colby 9-0 on a cold and windy day. The singles were swept in straight sets. The only tense moment was in Captain Moter's second set. Leading 6-5, he lost the next two games to go behind 6-7, but took the next three to win 9-7. In the doubles, he won handsomely.

In the match played Saturday, the Tech winning string was snapped at three. After a tough fight Blumberg and Mike Long '65 lost in three sets while Petrick and Ken Comey '65 won. Petrick won 7-5, 3-6, 6-0. Comey won 6-4, 6-8, 6-2. In the first doubles Moter and Gio Franzi '64 took the second set after losing the first, but they lost the last. The final score was 6-3, 4-6, 6-3.

Betas romp to fourth straight IM track title: PSK second, Sig Eps, Burton tie for third

Beta Theta Pi dominated the intramural track meet Sunday, April 26. The Betas were first in six of ten events and won with a total of 43 points. Phi Sigma Kappa took second with 23 points, while Burton and Sigma Phi Epsilon tied for third at 22.

Ken Groninger '63 of BTP set a new record of 24.0 in the 220-yard dash, and George Hadley '65 of Baker picked up the other new record with a 11.0 clocking in the 100-yard dash.

Meet scores	
1. Beta Theta Pi	42
2. Phi Sigma Kappa	23
3. Bur on House	22
4. Sigma Phi Epsilon	22
5. Baker House	21
6. Theta Chi	18
7. Senior House	9
8. Phi Del'a Theta	8

Event Winners
High jump: 1. Kreibell (Bur) 5'-4"
2. Hadley (Bak), 3. Wilson (Bur)
4. Hardt (SPE), 5. Morgan (Bak)
Broad jump: 1. Groninger (BTP) 19'-1"

2. Jacobs (PSK), 3. Keenan (SH)
4. Hadley (Bak), 5. Ribbe (Bak)
Shot put: 1. Wilson (Bur) 43'-11/2"
2. Lorentz (SH), 3. Franzel (TC)
4. Morrisson (Bak) 5. Riley (BTP)

880: 1. Gerrity (BTP) 2:12
2. Reder (PSK), 3. Ribbe (Bak)
4. Hester (SPE), 5. Link (Bur)

880 Relay: 1. BTP, Monsler, Chinchillo, Groninger, Horitor, 2. PDT, 3. SPE, 4. Burton

100: 1. Giles (TC) 5:21
2. Lange (SPE), 3. Dower (PSK)
4. Fisk (Bur), 5. Janson (PSK)

880 medley: 1. BTP, Koch, Riley, Monsler, Chinchillo, 2. PSK, 3. TC, 4. TDC
440: 1. Gerrity (BTP) 56.5, 2. Hester (SPE), 3. Kasameyer (PSK), 4. Sutherland (TDC)

100: 1. Hadley (Bak) 11.0 (record)
2. Nemser (SAM), 3. Broadley (Bak), 4. Kreibell (Bur)

220: 1. Groninger (BTP) 24.0 (record)
2. Godfrey (SPE), 3. Hinrichs (TC)
4. Carrington (SH) 5. Sullivan (TC)

Heavies lose four to Yale 3rd varsity only winners

by C. R. Miller

MIT's heavyweight crews suffered a setback as Yale swept four of the five heavyweight races on the Charles last Saturday. Conditions for all races were excellent, with a tailwind blowing down the one and three-quarters mile course.

The MIT varsity started their duel at 41 strokes per minute, but this wasn't enough to keep the

Elis from gaining two seats at the start. Both crews settled to about 32 strokes per minute, and Yale began to pull ahead to stay.

With half a mile to go, Tech took the stroke up to 34 in an attempt to catch the smoothly stoking Elis. The engineers sprinted at 42, but could make no ground on the boys from New Haven, who finished 11.4 seconds ahead of Tech, in 8:57.6.

JVs lose by close margin

The JV, unlike the varsity, was ahead of Yale for most of the race, but the superb Eli stamina gave the race to the opposition. Both crews started at 38, and MIT gained a three seat lead and widened it to half a length.

Yale started their sprint early and passed Tech with a quarter mile left. At the wire, Yale was a half length ahead of the engineers. Time for Yale was 9:03.5.

3rd varsity wins

MIT's third varsity turned in the only victory of the day, as they led Yale all the way from the start. With a half-mile left, the five man in the Yale boat lost control of his oar and the Eli boat had to stop rowing until he regained control. The engineers took advantage of the opportunity and sprinted home three lengths ahead of Yale in a time of 9:20.

Trackmen top Williams; Take 13 of 16 events

by Don Bosack

The MIT trackmen downed Williams 94-50 for their third straight victory here on Saturday. With two firsts each, Jim Flink '64, Kim Sloat '64, Terry Dorschner '65, and Sumner Brown '65 led the team as they won thirteen of sixteen events.

Brown and Dorschner each set new records by beating their own previous marks. Brown ran the mile in 4:17.3, while Dorschner took the 440-yard hurdles in 54.1. Ken Morash '65 tied his pole vault record with another jump of 13'.

MIT 94, Williams 50

Mile Run	1. Brown (MIT) 4:17.3 2. Oliver (MIT) 4:25.0 3. Benson (W)
Two Mile Run	1. Wesson (MIT) 10:25.3 2. Butler (MIT) 3. Benson (W)
440-Yard Run	1. Schwoeri (MIT) 49.8 2. McKnight (W) 3. Gunn (W)
100-Yard Dash	1. Flink (MIT) 9.9 2. Browne (W) 3. Ross (MIT)
220-Yard Dash	1. Flink (MIT) 22.1 2. Browne (W) 3. McKnight (W)
880-Yard Run	1. Brown (MIT) 2:07.3 2. Johnston (W) 3. Gibson (W)
High Jump	1. Gaylord (W) 5' 6" 2. Dixon (W) 3. Jones (MIT)
Broad Jump	1. Ross (MIT) 21'3" 2. Carrier (MIT) 3. Kershaw (W)
Pole Vault	1. Morash (MIT) 13' 2. Lukis (MIT) 3. Gaillard (W)
High Hurdles	1. Dorschner (MIT) 15.0 2. Morash (MIT) 3. Flink (MIT)
440-Yard Hurdles	1. Dorschner (MIT) 54.1 2. MacMillan (MIT) 3. Flala (MIT)
Triple Jump	1. Kershaw (W) 43'11 1/2" 2. Carrier (MIT) 3. Ross (MIT)

Frosh sports

Track team takes Tufts, Williams

By W. Thomas Compton

Track

The track team won the last two Saturdays, against Tufts 88-55 and then Williams 79-46.

Against Tufts the Engineers had three double winners — Gordon Dewitte, James Jerrell, and Bruce Ressler. Ressler again won twice and Dewitte had a triple win against Williams.

Baseball

The baseball team lost both games last week, to Tufts 13-4 and Harvard 13-2.

Paul Hoxie went all the way against Tufts. Ron Kadomiya had half of Tech's six hits. Rick Papenhausen started against Harvard and had a 1-0 lead at the end of four.

Tennis

The tennis team pounded Dean Junior College last Tuesday 9-0. Then the Techmen lost to Wesleyan 7-2.

Gerry Bunce played number six against Dean. The singles and first two doubles won, so Coach Davies let Al Kruse and Ralph Sawyer play the last doubles. Against Wesleyan, John St. Peter and Joe Sheridan won their singles, scoring MIT's only points.

Sailing

The sailing team took top honors in a regatta held at the Tufts Yacht Club last Saturday. MIT finished with 62 points, 6 ahead of second place Dartmouth. Other participating schools in order of finish were Northeastern, Bowdoin, B.U., Merrimack, B.C., Tufts, and Harvard. Chet Osborn

led the Tech skippers with firsts in both of his races.

The frosh sailors also took first in a meet against Tabor Academy that was held on the Charles last Wednesday. This gives them a record of two first and one second in their spring Regattas.

Golf

Governor Dummer Academy tied the Engineers last Wednesday at 13½-13½, and Tabor beat MIT 26½-3½ Saturday. Tech should have won easily, but on the last hole a forty foot chip shot went in — and touched the pin. Because it touched the pin, they forfeited the hole, and Dummer gained a tie.

Lacrosse

Andover completely overpowered the Engineers 19-2 last Wednesday. Winchendon School took a close one 3-2 on Saturday.

Steve Schroeder and Bill Elmer scored against Andover's more experienced team. Against Winchendon Schroeder scored in the first and MIT had a 1-0 lead. Then Winchendon opened up a hole and scored three goals in one minute of the second period. Jim Wheeler scored in the third.

Crew

Freshman Coach Mike Greata's first boatload jumped to an early lead in the frosh lights race, but could only hold it to the half-mile mark, where Dartmouth most effectively capitalized on the higher stroke, posting a 5 second victory over the Tech Frosh. That was the only blackmark of an otherwise perfect day for the

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